

BIS Scheme-X Certification

The Bureau of Indian Standards (BIS) launched "Scheme X" on March 16, 2022. The main agenda of this scheme is to make imports easier for domestic and international manufacturers to get assemblies, sub-assemblies, and machine tools certified under Schedule II, Scheme-X, and BIS mark before they hit the Indian market. BIS launches licenses or Certificate of Conformity (CoC) under Scheme X for various products such as electrical equipment, machinery, control gear, and low-voltage switchgear.

What is BIS Scheme-X Certification?

According to the 2018 Bureau of Indian Standards (BIS) Conformity Assessment Regulations, Scheme X is a product certification scheme. Harmonization of Indian safety standards with international standards is its overall purpose. Scheme X certifies Indian-made or imported machinery and electrical equipment to high safety and technical standards. Under this scheme, products have to comply with Indian Standards and carry the BIS Standard Mark, which indicates compliance with BIS quality standards.

Domestic and foreign producers who have plans to distribute their products within the Indian market are at the center. Scheme X mainly focuses on products that have to comply with stringent safety rules in order to ensure reliability and consumer confidence.



Who Needs the BIS Scheme X Certification?

BIS Scheme X Certification is mandatory for all manufacturers, Indian and foreign, whose products fall under the list of items regulated by the Bureau of Indian Standards. This includes companies producing or selling electrical and electronic equipment, including low voltage switchgear, control gear, electrical equipment like transformers and power supply units, heavy machinery, and safety equipment.

Scope and Logo of BIS Scheme-X Certification

Scope of BIS Scheme-X Certification

The BIS Scheme-X is used for a broad category of products that directly affect consumer health, safety, and infrastructure. Both domestic and international manufacturers need to get BIS certification under Scheme-X to legally manufacture, sell, or import their products in India.

The BIS Scheme X certificate assures the machinery, control gear, and electrical equipment that conform to Indian safety standards. The category covers a vast array of products, including low voltage switchgear and control gear, electrical equipment such as transformers and power supply units, to heavy machinery and safety equipment.

BIS Scheme X Logo

The Bureau of Indian Standards (BIS) issues a BIS certification under Scheme X for products that conform to India's quality and safety requirements. The BIS Standard Mark, or the BIS Scheme X Certification Mark, is a mark of product compliance and trustworthiness.

BIS Scheme X Certification Mark consists of the license number, mentioned at the bottom as 'L-XXXXXXXXXX'. The concerned standard number (if required) is at the top of the mark. It is issued only after the manufacturer passes the BIS License.

Indian Manufacturers comply with Indian Standards and make their products with a proper BIS Standard Mark while selling in the Indian Market. It is prohibited and an offense to show the BIS license number 'L-XXXXXXXXXX' on any product without a valid BIS License.

Products Under BIS Scheme X Certification

Scheme X under BIS Certification contains products that have high risk and are defined as low-voltage switchgear and controlgear:

1

Safety Equipment
Fire extinguishers, pressure vessels, and emergency electrical systems.

2

Specialized Consumer Electronics
Medical-grade electrical appliances with prominent safety features.

3

Electrical Equipment
Industrial transformer, high voltage equipment, power supply unit.

4

Heavy Machinery
Industrial cranes, Hydraulic presses, and automation equipment.

Mandatory Product List for BIS Scheme-X Certification

Below is a partial list of products that require mandatory compliance in India:

1	Electrical Emergency Stop Devices IS 60947 Part-5
2	Low-Voltage Switchgear and Controlgear Proximity Switches IS 60947 Part-5
3	Electromechanical Devices and Switching Elements IS 60947 Part-5
4	A.C. Semiconductor Motor Controllers and Contactors for Non-Motor Loads IS 60947 Part-4

Omnibus Technical Regulation (OTR)

BIS Certification for Machinery and Electrical Equipment

On 28 August 2024, the Omnibus Technical Regulation (OTR) order came into effect. This order is for Machinery and Electrical Equipment Safety. This order will apply to all types of machines and electrical equipment. This ensures the safety and conformity under the BIS Scheme X Certification.



The [Omnibus Technical Regulation](#) covers a wide range of machinery and electrical equipment including pumps, compressors, centrifuges, cranes, construction machinery, metal cutting machine tools, transformers, generators, and switchgear equipment operating at various voltages.

August 28, 2025, marks the compliance deadline for the regulation of OTR products. If you apply for certification early on, it will render the product market-ready without interruptions.

Certification Procedure for BIS Scheme X

BIS Scheme X Certification for Domestic Manufacturers

Documentation Process

Prepare all [documents required for bis scheme x certification](#) for application.

Application Submission

Submit application along with application fee to BIS.

Application Scrutiny

BIS reviews application and may request additional information.

Factory Inspection

Auditor appointment, factory inspection, and sample testing (if applicable).

License Grant

Payment of license fee and marking fee, followed by grant of license.

BIS Scheme X Certification for Foreign Manufacturers

Documentation Process

Prepare all required documents for application.

Application Submission

Submit application along with application fee to BIS.

Application Scrutiny

BIS reviews application and may request additional information.

Audit Preparation

Arrangements for visa, air tickets, hotel booking for BIS auditors.

Factory Audit

Factory audit and sample dispatch for testing (if applicable).

License Grant

Payment of fees, submission of PBG, agreement, and bond.

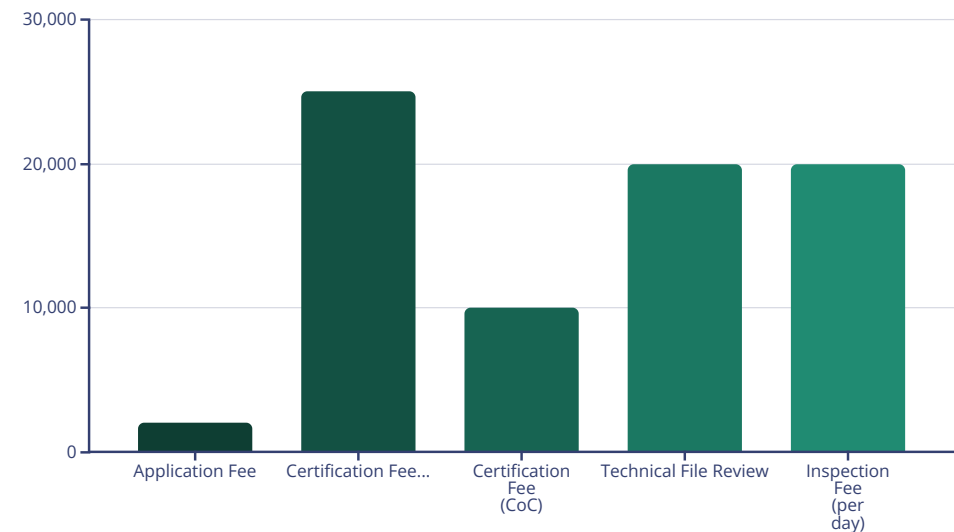
Renewal, Validity & Fee Structure

Renewal & Validity of Certificate Under BIS Scheme X

The [BIS Scheme X certificate](#) is issued for a period of from three to six years. It must be clearly understood that the certificate of conformity is valid for a particular product prototype, lot, or batch, and does not permit continued manufacture of such products without due permission.

For renewal of the BIS license, the licensee should make application not less than two months before the date of expiry on Form-VII of this Scheme. The application shall be examined by the Board, and the renewal shall be issued in Form VIII as per Regulation 8 of the said Regulations. Following the Scheme-X Certification procedure will help keep your product conforming and approved.

BIS Certification Scheme X Fee Structure



Additional fees apply for foreign manufacturers including travel costs, per-diem charges, contingency funds, and Performance Bank Guarantee of US Dollars ten thousand.

Required Documents & Eligibility Criteria

Required Documents for BIS Scheme X Certification

- Name and Address (Factory & Office): Registered name of the manufacturer and full address of the factory and office.
- PAN, GST Details: Permanent Account Number (PAN) and Goods and Services Tax registration for Indian manufacturers.
- Contact Information: Phone numbers, e-mail address, and mobile phone numbers.
- Management and Authorized Person: Names and titles of key management persons and an authorized signatory.
- Details of equipment and electrical plants to be registered according to the First Schedule of the OTR.
- Name/Type and Variety of Products: Specific details of products for which the BIS certification is applied.

Eligibility Criteria Under BIS Scheme X Certification

- Eligible Entities: Manufacturers, importers, distributors, and retailers engaged in the manufacture, import, sale, or distribution of products.
- Specific Industries: Eligibility differs depending on the specific product or industry.
- Manufacturers: Indian and foreign manufacturers can apply. Foreign manufacturers must nominate an Authorized Indian representative (AIR).
- Factory Production and Quality Control: Manufacturers should prove compliance with relevant Indian Standards.
- Technical File: Complete repository of data including product description, compliance reports, design, drawings, and quality assurance.
- Surveillance: BIS may conduct random surveillance inspections to check for continued compliance.

Why Choose ERCS for BIS Scheme X Certification

The BIS Scheme X Certification is an essential step for businesses to market and flourish in India, especially for products under compulsory compliance. The choice of certification partner may truly matter.

Deep Domain Expertise

ERCS possesses deep domain expertise of the Bureau of Indian Standards (BIS) regulatory framework, particularly under Scheme X, which deals with a certain category of compulsory registration.

Up-to-Date Knowledge

ERCS consultants are kept abreast with the ever-evolving regulations so that the client is well guided through compliance requirements.

End-to-End Solution

From documentation and product testing to filling applications and following up with BIS officials, ERCS provides an end-to-end solution for you. With ERCS, there is no need to juggle between different agencies.

Proven Track Record

Having successfully certified for all kinds of industries- electronics, IT, automotive, to name a few- ERCS commands an unparalleled reputation for securing timely and hassle-free BIS certifications.

Frequently Asked Questions (FAQs)

1

What is the Scheme X in BIS?

Scheme X in BIS is designed for low-voltage switchgear that is safe and quality-assured based on Scheme II. This has been developed through strict testing, international compatibility besides international alignment (IS/IEC 60947) standards, and surveillance for continued compliance, apart from the ability to compete in a globally competitive arena.

2

Our product conforms to the requirement of the Indian Standard mentioned in the order, but it is certified against the International Standard. Will the same test certificate be applicable?

No. For products that comply with the relevant Indian Standard listed in column 3 of the Order table and any further revisions made from time to time, you must obtain a BIS license [eScheme-X](#) of Schedule-II to the BIS (Conformity Assessment) Regulations.

3

I manufacture low-voltage switchgear and control gear products for various brand owners. Do I need to get separate licenses for each brand, even if they are made on the same factory premises?

Scheme-X bases the BIS certification on the kind or variety of the product. Brand name details must be disclosed to BIS solely for informational purposes. It is the same as the Scheme X Certification.

4

How does BIS grant licenses?

The Bureau grants the license after a satisfactory evaluation of the manufacturing infrastructure, quality and in-process controls, and the manufacturer's testing capabilities through a visit to the manufacturing facility. Testing in the manufacturing facility, a third-party laboratory, or a mix of the two is another method used to determine whether the product complies with the applicable standards.

For more information or to request a quote, contact ERCS at +91-9076611767, +91-9076611766 or email at info@elitasrcs.com. ERCS provides continued support and expert advice at every stage of the certification process.